

MICROWAVE TEST ASSEMBLIES, 3.5mm (male), 3.5mm (male), 50 Ohm, 26.5 GHz, 48in

SF526S/11PC35/11PC35/48in

Properties

- Applicable up to 26.5 GHz
- High phase- and amplitude stability with flexure and movement
- Excellent insertion and return loss
- Precise and repeatable measurements
- Long life time - lower measurement cost



Product configuration	
Type of cable	SUCOFLEX_526_S
Type description connector A	SF_11_PC35-501
Series connector A	PC 3.5, straight - plug
Type description connector B	SF_11_PC35-501
Series connector B	PC 3.5, straight - plug
Length	1219 mm
Length	48 inch
Length type	REF to REF

Electrical data	
Impedance	50 Ω
Max. operating frequency	26.5 GHz
Min. return loss	19 dB
VSWR max	1.35
Max. insertion loss	2.1 dB
Signal delay	4.3 ns/m
Propagation velocity	77 %
Min. screening effectiveness	90 dB
Max. screening frequency	26.5 GHz
Amplitude stability vs. flexure	+/- 0.05 dB
Phase stability vs. flexure	+/- 3 °

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 18 GHz	19 dB	1.25	

MICROWAVE TEST ASSEMBLIES, 3.5mm (male), 3.5mm (male), 50 Ohm, 26.5 GHz, 48in SF526S/11PC35/11PC35/48in

Mechanical data			
Weight		0.2 kg	
Cable diameter		7.7 mm	
Static bending radius		25.4 mm	
Environmental data			
Operation temperature		-55 °C ... 125 °C	
Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85092086	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead
Comment			
SUCOFLEX 526S microwave cable assemblies set a new measurement standard through 26.5 GHz			
Ordering information			
Item number	Item description		
85092086	SF526S/11PC35/11PC35/48in		

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-PI0552 / Date of publication: 08.04.2025 / uncontrolled copy